Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082352.D
Acq On : 19 Oct 2015 13:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:41 PM

Quant Time: Oct 20 01:57:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 149596 | 20.00 | ng | | -0.03 |
| 21) Naphthalene-d8 | 8.09 | 136 | 587997 | 20.00 | ng | | -0.03 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 295216 | 20.00 | ng | | -0.03 |
| 63) Phenanthrene-d10 | 11.35 | 188 | 587022 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.09 | 240 | 509909 | 20.00 | ng | | 0.08 |
| 86) Perylene-d12 | 15.67 | 264 | 402116 | 20.00 | ng | | 0.23 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 625160 | 84.34 | ng | | -0.03 |
| 7) Phenol-d6 | 6.45 | 99 | 783884 | 81.27 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.38 | 82 | 681127 | 77.79 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 185828 | 67.12 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.18 | 172 | 1259721 | 70.76 | ng | | -0.03 |
| 78) Terphenyl-d14 | 12.95 | 244 | 1303516 | 67.74 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.34 | 88 | 140970 | 37.85 | ng | | 97 |
| 3) Pyridine | 3.05 | 79 | 383468 | 44.27 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.03 | 42 | 149857 | 40.79 | ng | | 97 |
| 6) Aniline | 6.47 | 93 | 497991 | 40.04 | ng | # | 49 |
| 8) 2-Chlorophenol | 6.59 | 128 | 352701 | 38.98 | ng | | 98 |
| 9) Benzaldehyde | 6.35 | 77 | 210636 | 42.76 | ng | | 98 |
| 10) Phenol | 6.47 | 94 | 440044 | 39.57 | ng | # | 71 |
| 11) bis(2-Chloroethyl)ether | 6.55 | 93 | 353732 | 37.61 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 418581 | 39.72 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 431620 | 39.22 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 355526 | 34.02 | ng | | 99 |
| 15) Benzyl Alcohol | 6.96 | 79 | 279083 | 41.91 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45 | 461825 | 35.26 | ng | | 89 |
| 17) 2-Methylphenol | 7.07 | 107 | 276164 | 38.59 | ng | | 98 |
| 18) Hexachloroethane | 7.31 | 117 | 145235 | 38.56 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70 | 236550 | 34.92 | ng | # | 91 |
| 20) 3+4-Methylphenols | 7.23 | 107 | 346057 | 40.59 | ng | # | 78 |
| 22) Acetophenone | 7.22 | 105 | 459342 | 39.49 | ng | # | 95 |
| 24) Nitrobenzene | 7.41 | 77 | 385200 | 40.64 | ng | # | 83 |
| 25) Isophorone | 7.65 | 82 | 702914 | 39.78 | ng | | 95 |
| 26) 2-Nitrophenol | 7.71 | 139 | 194012 | 41.00 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 7.76 | 122 | 306751 | 40.23 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93 | 388708 | 37.80 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.97 | 162 | 325223 | 42.67 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 335847 | 38.23 | ng | | 97 |
| 31) Naphthalene | 8.11 | 128 | 978056 | 38.37 | ng | | 99 |
| 32) Benzoic acid | 7.91 | 122 | 158350 | 30.95 | ng | | 98 |
| 33) 4-Chloroaniline | 8.17 | 127 | 412444 | 38.96 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.23 | 225 | 195855 | 35.78 | ng | | 97 |
| 35) Caprolactam | 8.57 | 113 | 86457 | 39.09 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 295158 | 39.60 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.81 | 142 | 678948 | 38.42 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 344970 | 39.29 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 117761 | 32.06 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.10 | 196 | 242990 | 41.66 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.14 | 196 | 242896 | 38.45 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.28 | 154 | 857188 | 38.08 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.30 | 162 | 638239 | 36.01 | ng | # | 94 |
| 47) 2-Nitroaniline | 9.41 | 65 | 199678 | 41.04 | ng | | 93 |
| 48) Acenaphthylene | 9.71 | 152 | 1023133 | 37.06 | ng | | 100 |
| 49) Dimethylphthalate | 9.59 | 163 | 779170 | 37.48 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.66 | 165 | 195804 | 44.64 | ng | | 91 |
| 51) Acenaphthene | 9.90 | 154 | 613264 | 37.00 | ng | | 99 |
| 52) 3-Nitroaniline | 9.83 | 138 | 209308 | 42.24 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 87243 | 39.14 | ng | | 98 |
| 54) Dibenzofuran | 10.07 | 168 | 880280 | 38.69 | ng | | 93 |
| 55) 4-Nitrophenol | 9.99 | 139 | 115385 | 41.58 | ng | # | 83 |
| 56) 2,4-Dinitrotoluene | 10.06 | 165 | 224390 | 40.93 | ng | # | 90 |
| 57) Fluorene | 10.41 | 166 | 744486 | 39.84 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.18 | 232 | 195642 | 37.90 | ng | | 97 |
| 59) Diethylphthalate | 10.29 | 149 | 812044 | 41.91 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204 | 360948 | 42.16 | ng | | 90 |
| 61) 4-Nitroaniline | 10.45 | 138 | 200872 | 41.80 | ng | | 96 |
| 62) Azobenzene | 10.56 | 77 | 776544 | 40.95 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.47 | 198 | 130812 | 39.71 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 10.53 | 169 | 706205 | 40.18 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.89 | 248 | 221589 | 37.72 | ng | # | 92 |
| 67) Hexachlorobenzene | 10.95 | 284 | 213646 | 33.63 | ng | # | 65 |
| 68) Atrazine | 11.05 | 200 | 190531 | 34.22 | ng | | 98 |
| 69) Pentachlorophenol | 11.15 | 266 | 128359 | 39.26 | ng | | 99 |
| 70) Phenanthrene | 11.37 | 178 | 1123376 | 39.04 | ng | | 99 |
| 71) Anthracene | 11.42 | 178 | 1100252 | 37.11 | ng | | 99 |
| 72) Carbazole | 11.58 | 167 | 984003 | 36.38 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.91 | 149 | 1220772 | 36.59 | ng | | 99 |
| 74) Fluoranthene | 12.56 | 202 | 1105613 | 35.78 | ng | | 97 |
| 76) Benzidine | 12.70 | 184 | 503019 | 34.04 | ng | | 99 |
| 77) Pyrene | 12.80 | 202 | 1209241 | 39.96 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.45 | 149 | 548403 | 39.71 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 973290 | 36.69 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.05 | 252 | 408924 | 40.61 | ng | # | 96 |
| 82) Chrysene | 14.12 | 228 | 1006027 | 35.99 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.07 | 149 | 744654 | 37.80 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.79 | 149 | 1330998 | 39.34 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 17.12 | 276 | 829554 | 37.33 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.25 | 252 | 1023345 | 41.83 | ng | | 100 |
| 88) Benzo(k)fluoranthene | 15.28 | 252 | 683844m | 33.26 | ng | | |
| 89) Benzo(a)pyrene | 15.61 | 252 | 792007 | 37.67 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 17.13 | 278 | 705167 | 40.93 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.54 | 276 | 687426 | 41.07 | ng | | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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